

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	558	copper and ((aluminum adj nitride) with (heat\$3 or thermal)) and barrier and (insulat\$3 or dielectric)	US-PGPUB; USPAT	OR	ON	2006/10/31 15:21
L2	188	1 not ("2006".ay. or "2005".ay. or "2004".ay. or "2003".ay. or "2002".ay. or "2001".ay.)	US-PGPUB; USPAT	OR	ON	2006/10/31 15:22
S1	1	("5612254").PN.	USPAT	OR	OFF	2006/10/31 15:20
S2	5548	copper and (aluminum adj nitride)	USPAT	OR	ON	2006/01/21 15:38
S3	1793	copper same (aluminum adj nitride)	USPAT	OR	ON	2006/01/21 15:39
S4	3711	copper same (aluminum adj nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 15:39
S5	1992	S4 not ("2006".ay. or "2005".ay. or "2004".ay. or "2003".ay. or "2002".ay. or "2001".ay.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 16:31
S6	113	S5 and (copper near3 (interconnect or plug or contact))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 15:44
S7	1	("6139696").PN.	USPAT	OR	OFF	2006/01/21 15:45
S8	1	("6110577").PN.	USPAT	OR	OFF	2006/01/21 15:45
S9	1312	S3 not ("2006".ay. or "2005".ay. or "2004".ay. or "2003".ay. or "2002".ay. or "2001".ay.)	USPAT	OR	ON	2006/01/21 17:09
S10	1210	S9 not S6	USPAT	OR	ON	2006/01/21 16:32
S11	237	S10 and ((insulating or insulation or insulated) adj layer)	USPAT	OR	ON	2006/01/21 16:58
S12	342	(aluminum adj nitride) near3 conductive	USPAT	OR	ON	2006/01/21 17:06
S13	4473	438/618.ccls. or 438/622.ccls. or 438/669.ccls. or 438/672.ccls. or 438/674.ccls. or 438/675.ccls. or 438/687.ccls.	USPAT	OR	ON	2006/01/21 17:09
S14	2976	S13 not ("2006".ay. or "2005".ay. or "2004".ay. or "2003".ay. or "2002".ay. or "2001".ay.)	USPAT	OR	ON	2006/01/21 19:12

## EAST Search History

S15	1472	S14 and copper	USPAT	OR	ON	2006/01/21 17:10
S16	46	S15 and (aluminum adj nitride)	USPAT	OR	ON	2006/01/21 17:10
S17	65	S14 and (aluminum adj nitride)	USPAT	OR	ON	2006/01/21 17:11
S18	4	S14 and ((aluminum adj nitride) same heat)	USPAT	OR	ON	2006/01/21 17:12
S19	1	("5476817").PN.	USPAT	OR	OFF	2006/01/21 19:11
S20	416	(aluminum adj nitride) with sputtering	USPAT	OR	ON	2006/01/21 19:11
S21	828	(aluminum adj nitride) same sputtering	USPAT	OR	ON	2006/01/21 19:12
S22	202	(aluminum adj nitride) near5 sputtering	USPAT	OR	ON	2006/01/21 19:13
S23	155	S22 not ("2006".ay. or "2005".ay. or "2004".ay. or "2003".ay. or "2002".ay. or "2001".ay.)	USPAT	OR	ON	2006/01/21 19:12
S24	49	S17 and sputtering	USPAT	OR	ON	2006/01/21 19:16
S25	0	S17 and ((aluminum adj nitride) near5 sputtering)	USPAT	OR	ON	2006/01/21 19:13
S26	10	S17 and ((aluminum adj nitride) with sputtering)	USPAT	OR	ON	2006/01/21 19:13